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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/065,249
Filing Date	Spetmber 27, 2002
First Named Inventor	Edgar L. Garrison
Group Art Unit	1723
Examiner Name	
Total Number of Pages in This Submission: 5	Attorney Docket Number: 71445-3

ENCLOSURES *(check all that apply)*

☐ Fee Transmittal Form	☐ Assignment Papers *(for an Application)*	☐ After Allowance Communication to Group
☐ Fee Attached	☐ Drawing(s)	☐ Appeal Communication to Board of Appeals and Interferences
☐ Amendment / Response	☐ Licensing-related Papers	☐ Appeal Communication to Group *(Appeal Notice, Brief, Reply Brief)*
☐ After Final	☐ Petition	☐ Proprietary Information
☐ Affidavits/declaration(s)	☐ Petition to Convert to a Provisional Application	☐ Status Letter
☐ Extension of Time Request	☐ Power of Attorney, Revocation Change of Correspondence Address	☒ Additional Enclosure(s) *(please identify below):* Declaration under 37 CFR 1.131
☐ Express Abandonment Request	☐ Terminal Disclaimer	
☐ Information Disclosure Statement	☐ Request for Refund	
☐ Certified Copy of Priority Document(s)	☐ CD, Number of CD(s) _____	
☐ Response to Missing Parts/ Incomplete Application ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	McGARRY BAIR PC Joel E. Bair, Reg. No. 33,356
Signature	
Date	11 July 2003

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Arlington, VA, 22313-1450 on this date: July 1, 2003.

Typed or printed name	Andrea R. Wolters		
Signature		Date	July 11 2003

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G0097659

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: EDGAR L. GARRISON, JOHN E. GARRISON, AND KEVIN S. WALBURG

For: DENTAL UNIT WATER SYSTEM TREATMENT

Serial No.: 10/065,249 Examiner:

Filed: 09/27/2002 Art Unit: 1723

Docket: 71445-3

DECLARATION UNDER 37 C.F.R. § 1.131 OF KEVIN S. WALBURG

Commissioner for Patents
Washington, DC 20231

Sir:

KEVIN S. WALBURG hereby declares that:

1. I am a citizen of the United States and a resident of Grand Haven, Ottawa County, Michigan. I am an inventor named in the above-identified U.S. patent application.

2. Prior to February 26, 2001, my fellow inventors and I had conceived the concept of using a silver colloid solution in a shock treatment for a dental unit water line and also as a maintenance treatment for a dental unit water line as a means to inhibit growth of bacteria in dental unit water lines. Attached as Exhibit A is a copy of relevant portions of my project log showing tests of the invention. Each event is dated, but the dates have been redacted. All dates are prior to February 26, 2001. The tests show that the invention worked prior to February 26, 2001. Exercising due diligence, I continued testing the invention in various scenarios and within 5 months of first testing met with my patent attorneys to discuss the filing of a patent application for my invention. Thereafter the provisional patent application (60/326,325) for our invention was filed October 1, 2001. On September 27, 2002, the present patent application (10/065,249) was filed, claiming priority from the provisional.

3. The documents show a conception and reduction to practice prior to February 26, 2001, and at least a conception prior to February 26, 2001, with due

diligence to a reduction to practice subsequent to February 26, 2001.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: 6/23/03

By _____
KEVIN S. WALBURG

G0096683

Garrison Dental Solutions

Dental Unit Water Line Project

Project Log

[redacted] Final draft of the in house testing protocol completed. Copy under testing protocol in the PB.

[redacted] Initial DRUWL team meeting. Meeting minutes located in the PB under notes.

[redacted] Four gallons of 10ppm AG+ ordered from CS Pro by Kevin. Material ordered from Consolidated Plastics to set up lab and start in house testing.

[redacted] Baseline samples taken from all dental chairs in house prior to the start of the business day, picked up by courier and brought to Prein & Newhof labs. HPC's were run and cfu's counted at 48 and 72 hours of incubation with the following results:

Room	48hr CFU	72hr CFU
1	200	450
2	1300	2350
3	TNTC	TNTC
4	1400	1900
5 (control)	1550	2700
6	TNTC	TNTC

This established the baseline level of contamination for all dental chairs to be tested.

[redacted] Shock treatments were administered to each of the dental chairs at the end of the business day. The shock treatments used were as follows:

Room	AG+	H_2O_2
1	10ppm	0
2	10ppm	.03%
3	10ppm	.3%
4	5ppm	.03%
5 (control)	0	0
6	5ppm	.3%

[redacted] Samples were taken from all chairs prior to flushing out the shock treatment and prior to the start of the business day. Samples were picked up by courier and brought to Prein and Newhof labs. HPC's were run and cfu's counted at 48 and 72 hours of incubation with the following results:

Room	48hr CFU	72hr CFU
1	300	3050
2	<1.0	<1.0
3	<1.0	<1.0
4	<1.0	300
5 (control)	<1.0	TNTC
6	<1.0	<1.0

Garrison Dental Solutions

Dental Unit Water Line Project

Project Log

[redacted] The most effective shock treatment was administered to each of the dental chairs at the end of the business day. The purpose of this shock was to bring all rooms to a <1.0cfu baseline to begin testing the maintenance solution. This shock treatment was as follows:

Room	AG+	H_2O_2
1	10ppm	.3%
2	10ppm	.3%
3	10ppm	.3%
4	10ppm	.3%
5 (control)	0	0
6	10ppm	.3%

[redacted] The shock treatment was flushed out of each dental chair and the maintenance solutions were started. The maintenance solutions used were as follows:

Room	AG+	H_2O_2
1	.25ppm	0
2	.5ppm	0
3	.75ppm	0
4	1ppm	0
5 (control)	0	0
6	.5ppm	.03%

The above concentrations were prepared in 4 liter dispenser containers. Each container was labeled with a dental operatory number and placed in each op. The dental office staff was instructed to use only the dispenser container located in each specific op to refill the water bottle attached to the dental chair in that op. They were also instructed to return the dispenser container to Kevin or Stacey when they needed refilling.

[redacted] Samples were collected from each dental chair prior to the start of business. The samples were picked up by courier and brought to Prein and Newhof labs. HPC's were run and cfu's counted at 48 and 72 hours of incubation with the following results:

Room	48hr CFU	72hr CFU
1	<1.0	<1.0
2	<1.0	<1.0
3	<1.0	<1.0
4	<1.0	<1.0
5 (control)	TNTC	TNTC
6	<1.0	<1.0

[redacted] Samples were collected from each dental chair prior to the start of business. The samples were picked up by courier and brought to Prein and Newhof labs. HPC's were run and cfu's counted at 48 and 72 hours of incubation with the following results:

Room	48hr CFU	72hr CFU
1	<1.0	<1.0
2	850	1000
3	1000	1050
4	3250	4500
5 (control)	650	700
6	500	500

Garrison Dental Solutions

Dental Unit Water Line Project

Project Log

[redacted]

Samples were collected from each dental chair prior to the start of business. The samples were picked up by courier and brought to Prein and Newhof labs. HPC's were run and cfu's counted at 48 and 72 hours of incubation with the following results:

Room	48hr CFU	72hr CFU
1	<1.0	<1.0
2	<1.0	<1.0
3	<1.0	<1.0
4	<1.0	<1.0
5 (control)	33	TNTC
6	<1.0	<1.0

[redacted]

Samples were collected from each dental chair prior to the start of business. The samples were picked up by courier and brought to Prein and Newhof labs. HPC's were run and cfu's counted at 48 and 72 hours of incubation with the following results:

Room	48hr CFU	72hr CFU
1	<1.0	<1.0
2	<1.0	<1.0
3	<1.0	<1.0
4	<1.0	<1.0
5 (control)	TNTC	TNTC
6	<1.0	<1.0

[redacted]